

## **REMARKS**

Claims 1 and 117-174 are pending in the present application.

### **First Species Election Requirement**

In the Office Action mailed July 27, 2009, the Examiner imposed the following species election requirement:

- |            |   |
|------------|---|
| Species 1A | The modeling comprises computation of a neural network, a Bayesian model, a generalized additive model, a support vector machine, machine learning or classification using a regression tree, as in claim 140; or |
| Species 1B | The modeling comprises boosting or adaptive boosting, as in claim 141.  |

In response, Applicants hereby provisionally elect, with traverse, Species 1A. Claims 1, 117-140 and 142-174 are believed to be readable upon elected species 1A. Claims 1, 117-139, and 142-174 are believed to be generic to elected species 1A.

### **Second Species Election Requirement**

In the Office Action mailed July 27, 2009, the Examiner imposed the following additional species election requirement:

- |            |  |
|------------|--|
| Species 2A | The biopolymer is one of those listed in claim 151; or |
| Species 2B | The biopolymer is one of those listed in claim 152.    |

In response, Applicants hereby provisionally elect, with traverse, Species 2B. Claims 1, 117-150, and 152-174 are believed to be readable upon elected species 2B. Claims 1, 117-150, and 153-174 are believed to be generic to elected species 2B.

### **Third Species Election Requirement**

In the Office Action mailed July 27, 2009, the Examiner imposed the following additional species election requirement:

Species 3A                      The modeling comprises regressing using the equation as stated in claim 138; or

Species 3B                      The modeling comprises regressing using the equation as stated in claim 165.

In response, Applicants hereby provisionally elect, with traverse, Species 3B. Claims 1, 117-137 and 139-174 are believed to be readable upon elected species 3B. Claims 1, 117-137, 139-164, and 166-174 are believed to be generic to elected species 3B.

### **CONCLUSION**

Applicants respectfully request entry of the foregoing remarks into the file of the above-identified application. If any fees are due in connection with this submission, please charge the required fee to Jones Day Deposit Account No. 50-3013.

Respectfully submitted,

Date:	<u>October 19, 2009</u>	<u>/ Brett Lovejoy /</u>	<u>42,813</u>
		Brett A. Lovejoy	(Reg. No.)
		<b>JONES DAY</b>	
		222 East 41 <sup>st</sup> Street	
		New York, New York 10017-6702	
		Phone: (415) 875-5744	